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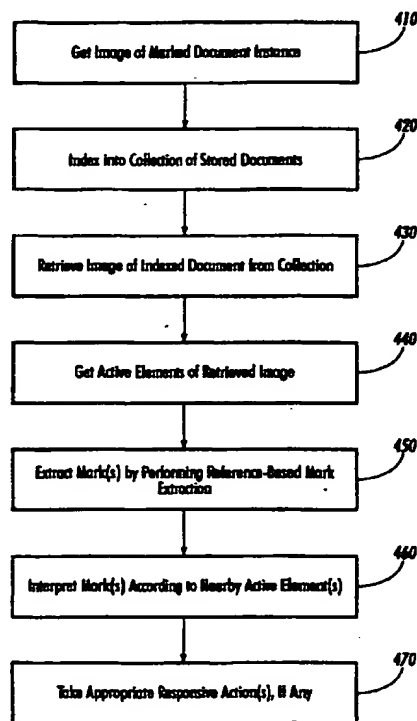
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(54) **Formless forms and paper web**

(57) A processor is provided (410-430) with first and second document images. The first image represents an instance of a reference document to which instance a mark has been added. The second image is selected from among a collection of document images and represents the reference document without the mark. The processor automatically extracts (450) from the first document image a set of pixels representing the mark. This is done by performing a reference-based mark extraction technique in which the second document image serves as a reference image and in which substantially the entirety of the first document image is compared with substantially the entirety of the second document image. Also, the processor is provided (440) with information about a set of active elements of the reference document. The reference document has at least one such active element and each active element is associated with at least one action. The processor interprets (460) the extracted set of pixels representing the mark by determining whether the mark indicates any of the active elements of the reference document. If the mark indicates an active element, the processor facilitates (470) the action with which the indicated active element is associated.



**FIG. 4**

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## EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 97302982.0
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 6)
A	US 5495581 A (TSAI) 27 February 1996 (27.02.96), claims 1,2,11,19, fig.. --	1,6-9	G 06 K 9/20 G 06 F 17/00 H 04 N 1/00
A	US 5428694 A (BETTS et al.) 27 June 1995 (27.06.95), claim 1. --	1,6-9	
A	US 5418865 A (BLOOMBERG, D.S.) 23 May 1995 (23.05.95), abstract, fig. 1-7. --	1,6-9	
A	US 5455898 A (MAHONEY et al.) 03 October 1995 (03.10.95), abstract, fig. 1-5. --	1,6-9	
A	US 5465167 A (COOPER et al.) 07 November 1995 (07.11.95), abstract, fig. 1-6. -----	1,6-9	TECHNICAL FIELDS SEARCHED (Int. Cl. 6)  G 06 K G 06 F H 04 N
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 11-12-1998	Examiner MIHATSEK
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report.  
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For more details about this annex see Official Journal of the European Patent Office, No. 12/82.

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